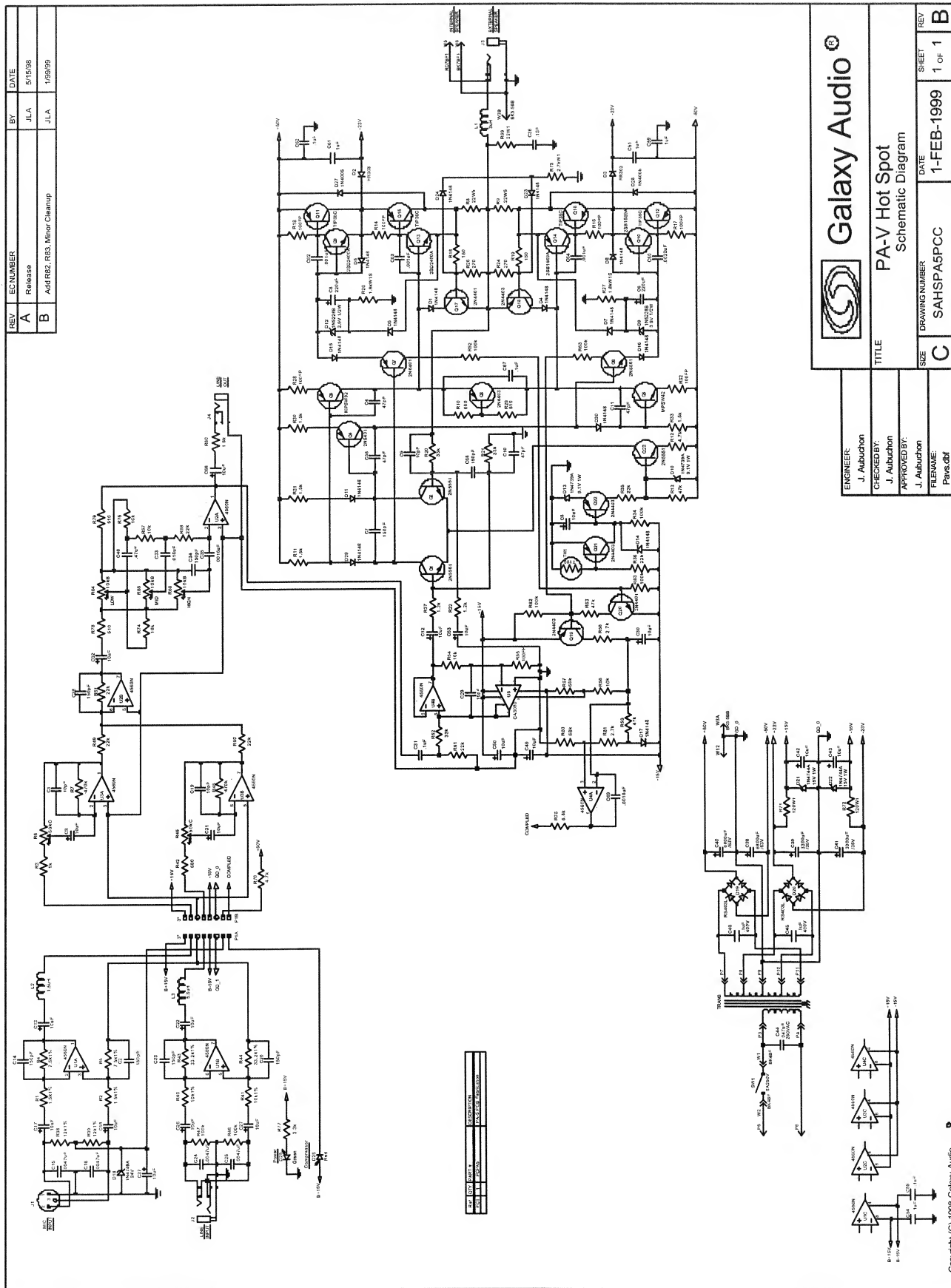


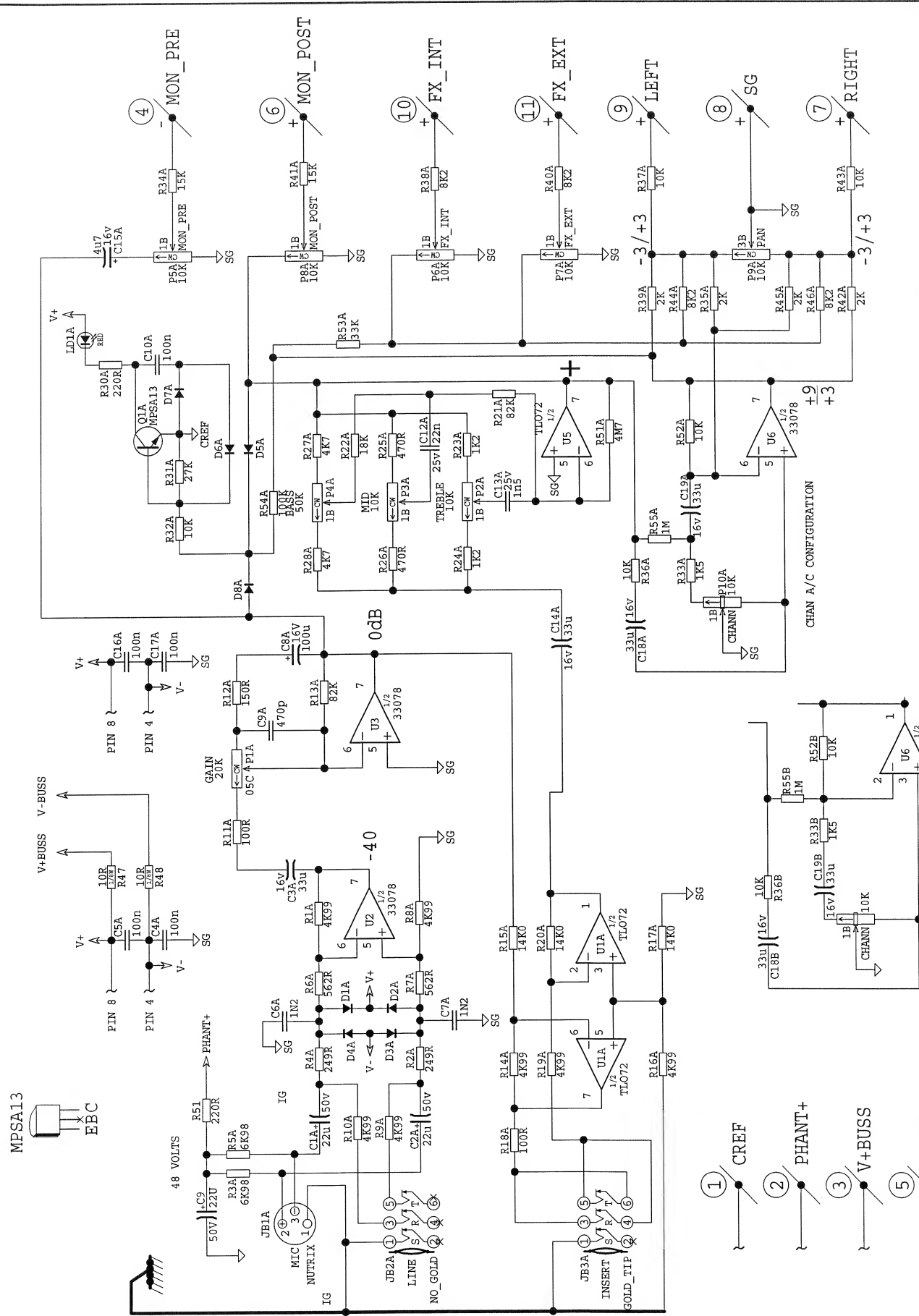
opamp gain

GALAXY AUDIO PAIII  
PAGE 1 OF 4  
PREAMP/MIXER

REV	EC NUMBER	BY	DATE
A	Release	JLA	5/15/98
B	Add R82, R83, Minor Cleanup	JLA	1/99/99

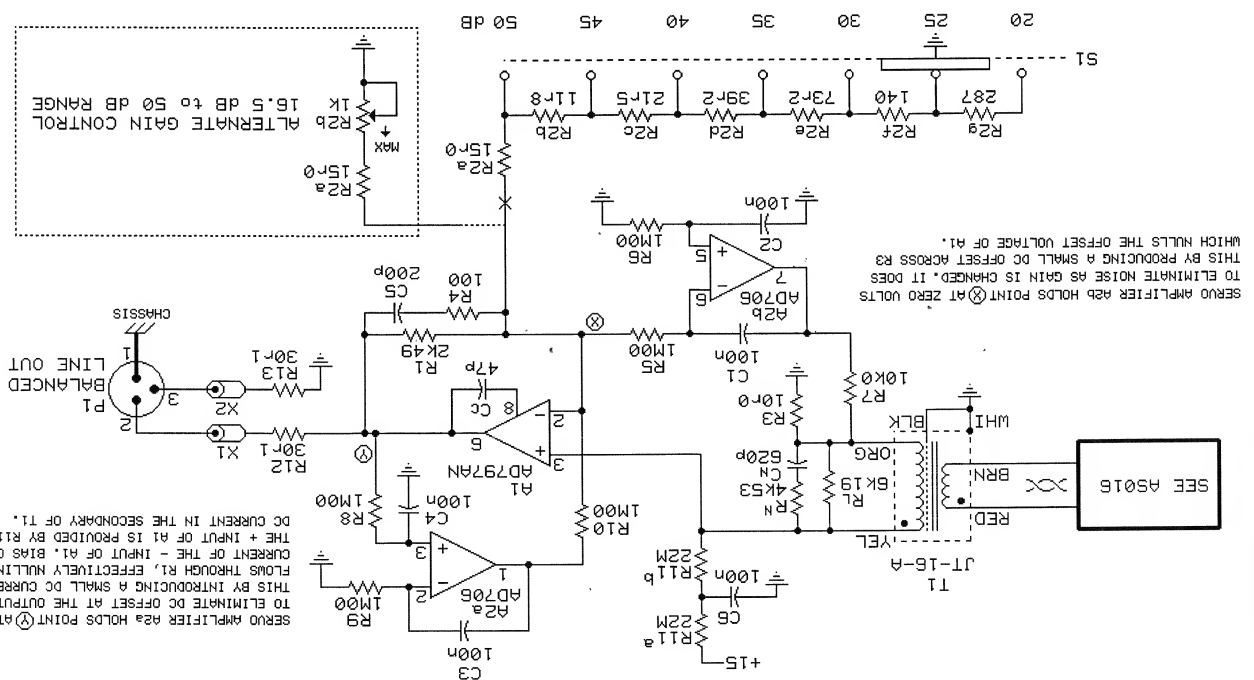


open gain (horrible!)



YORKVILLE SOUND LTD		FOR MODEL (S): 1200 SERIES MIXERS		PCB #: M1054	
DESIGN BY: PFI & GA		DRAWN BY: PFI		DMG #: 1 OF 1	
CAD FILE NAME:		PCB VER: M1054-3.10		DATE:	
C:\PCAD\EXE\M1054.SCH		X		SCH ISSUE:	
				MAR/25/97	
				2.00	
				CHANNEL_STRIP	

JT-16-A IN SINGLE STAGE MIC PREAMP WITH TWO DC SERVOUS



## NOTES

- |   |                                     |
|---|-------------------------------------|
| <p>1. ALL RESISTORS ARE <math>\pm 1\%</math> 1/4W METAL FILM TYPES, ROEDERSTEIN MK2-1, RATED IN NI OHMS (5K19 = 5.19K, 30P1 = 30.1)<br/>         2. SI IS SHORTING (MAKE-BEFORE-BREAK) TYPE SWITCH<br/>         3. SI ALTERNATE R2B IS A REVERSE LOG TAPER CONDUCTIVE PLASTIC POTENTIOMETER<br/>         4. R1, C4, AND R4 ARE AS SPECIFIED ON TRANSFORMER DATA SHEET<br/>         5. USE OF GOLD PLATED CONTACTS IN XLR CONNECTORS IS HIGHLY RECOMMENDED<br/>         6. TIGHTLY TWIST LEADS AS SHOWN &gt;&gt;&gt; AND KEEP ALL WIRING AS SHORT AS POSSIBLE<br/>         7. BRASS XLR POWER PINS WITHIN 1/4" OF PIN WITH HIGH QUALITY CAPACITORS<br/>         8. GROUND PLANE CONSTRUCTION IS HIGHLY RECOMMENDED<br/>         9. X1 AND X2 ARE FERRITE BEADS, JENSEN PART JT-FB-2.</p> |                                     |
| AS0   | 7135 HAYVENHURST AVENUE, CALIFORNIA |
| 09/1/71   |                                     |

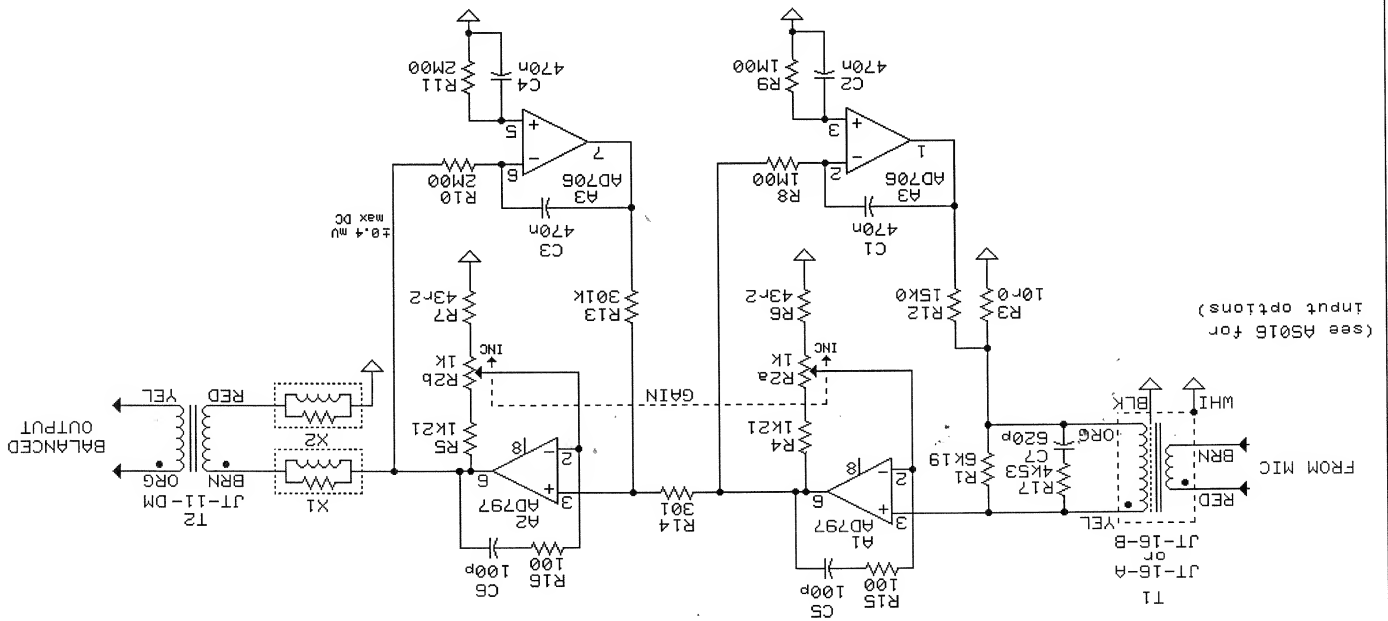
© COPYRIGHT 1992, 1995 JENSEN TRANSFORMERS, INC.

7135 HAYVENHURST AVE.  
VAN NUYS, CALIFORNIA 91406  
(818) 374-5857

AS019	09/14/95
-------	----------

AD 797 is a super-low noise epoch

IC MIC PREAMP USES JENSEN TWIN-SERVO® CIRCUIT TECHNOLOGY



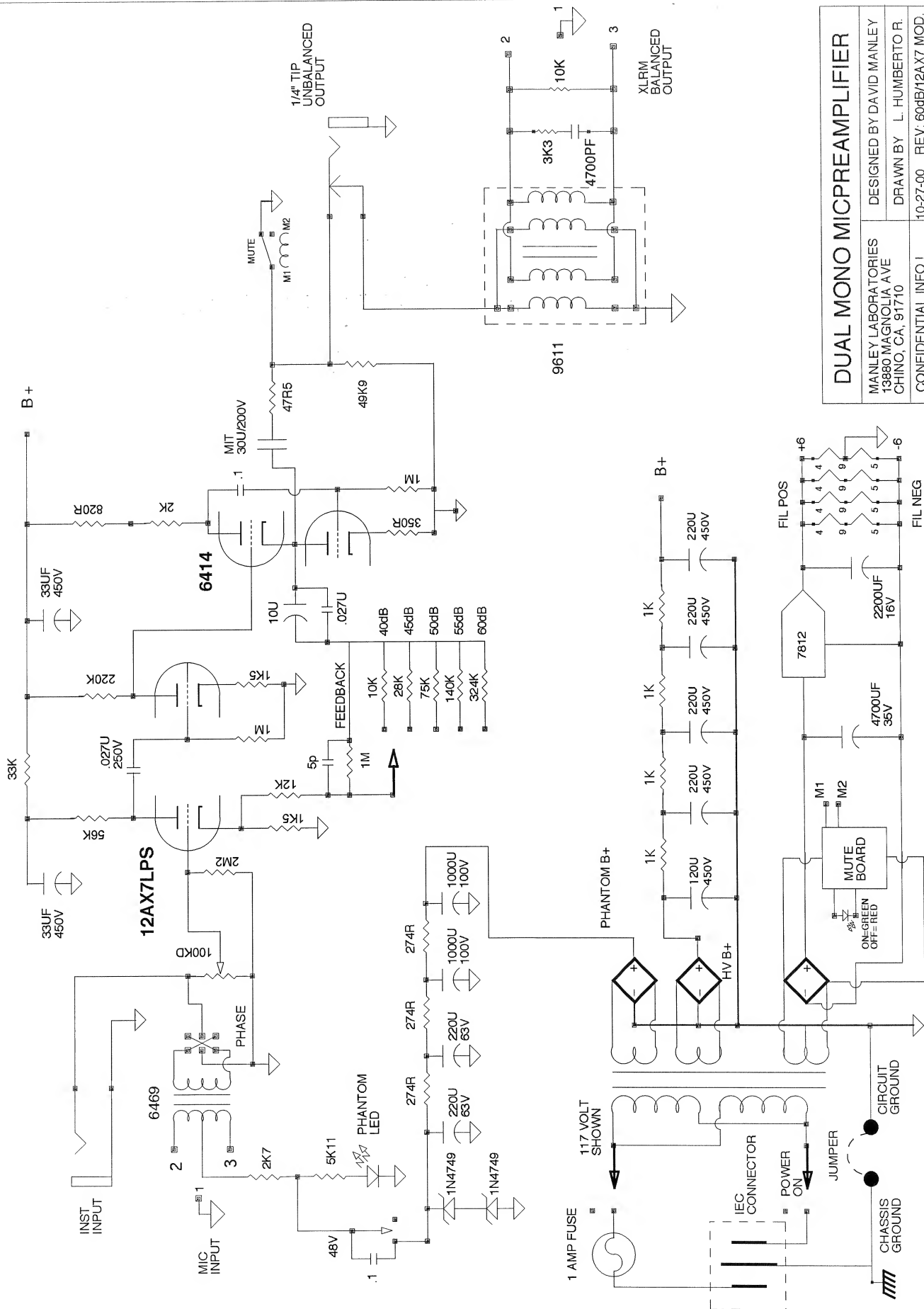
R2 is reverse log taper conductive plastic dual pot  
X1 and X2 are output load isolators, Jensen JT-OLI-3

jensen

2805

7135 HAYVENHURST AVE.  
VAN NUYS, CALIFORNIA 91406  
(818) 374-5857

© COPYRIGHT 1997, JENSEN TRANSFORMERS, INC.



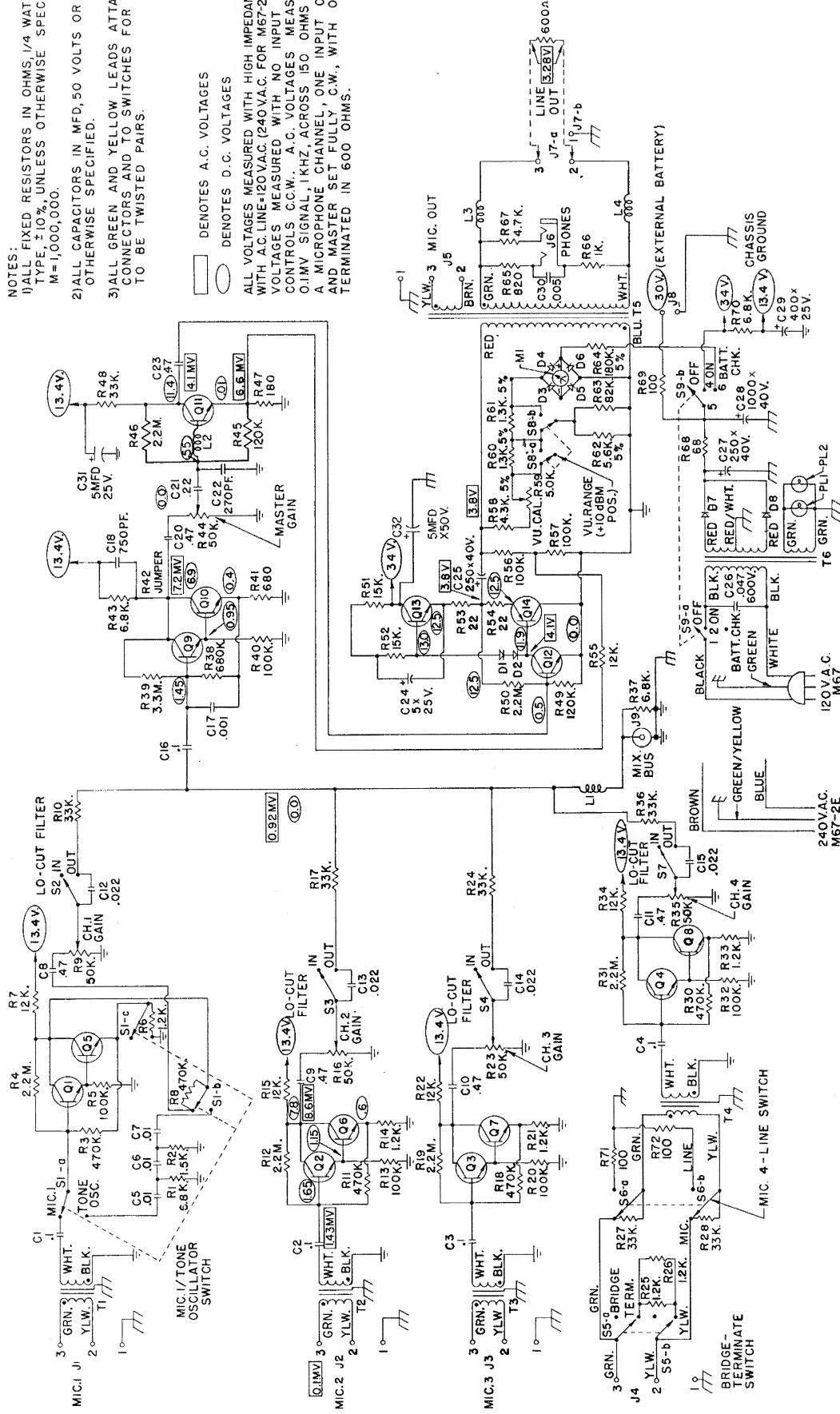
DUAL MONO MICREAMPLIFIER		
MANLEY LABORATORIES 13880 MAGNOLIA AVE CHINO, CA, 91710	DESIGNED BY DAVID MANLEY	
CONFIDENTIAL INFO !	DRAWN BY L. HUMBERTO R.	
	10-27-00	REV: 60dB/12AX7 MOD.

*gain = R4*

NOTES:  
1) ALL FIXED RESISTORS IN OHMS, 1/4 WATT COMPOSITION TYPE,  $\pm 10\%$ , UNLESS OTHERWISE SPECIFIED. K=1000, M=1,000,000.  
2) ALL CAPACITORS IN MFD, 50 VOLTS OR GREATER, UNLESS OTHERWISE SPECIFIED.  
3) ALL GREEN AND YELLOW LEADS ATTACHED TO INPUT CONNECTORS AND TO SWITCHES FOR CHANNEL 4 ARE TO BE TWISTED PAIRS.

□ DENOTES A.C. VOLTAGES  
○ DENOTES D.C. VOLTAGES

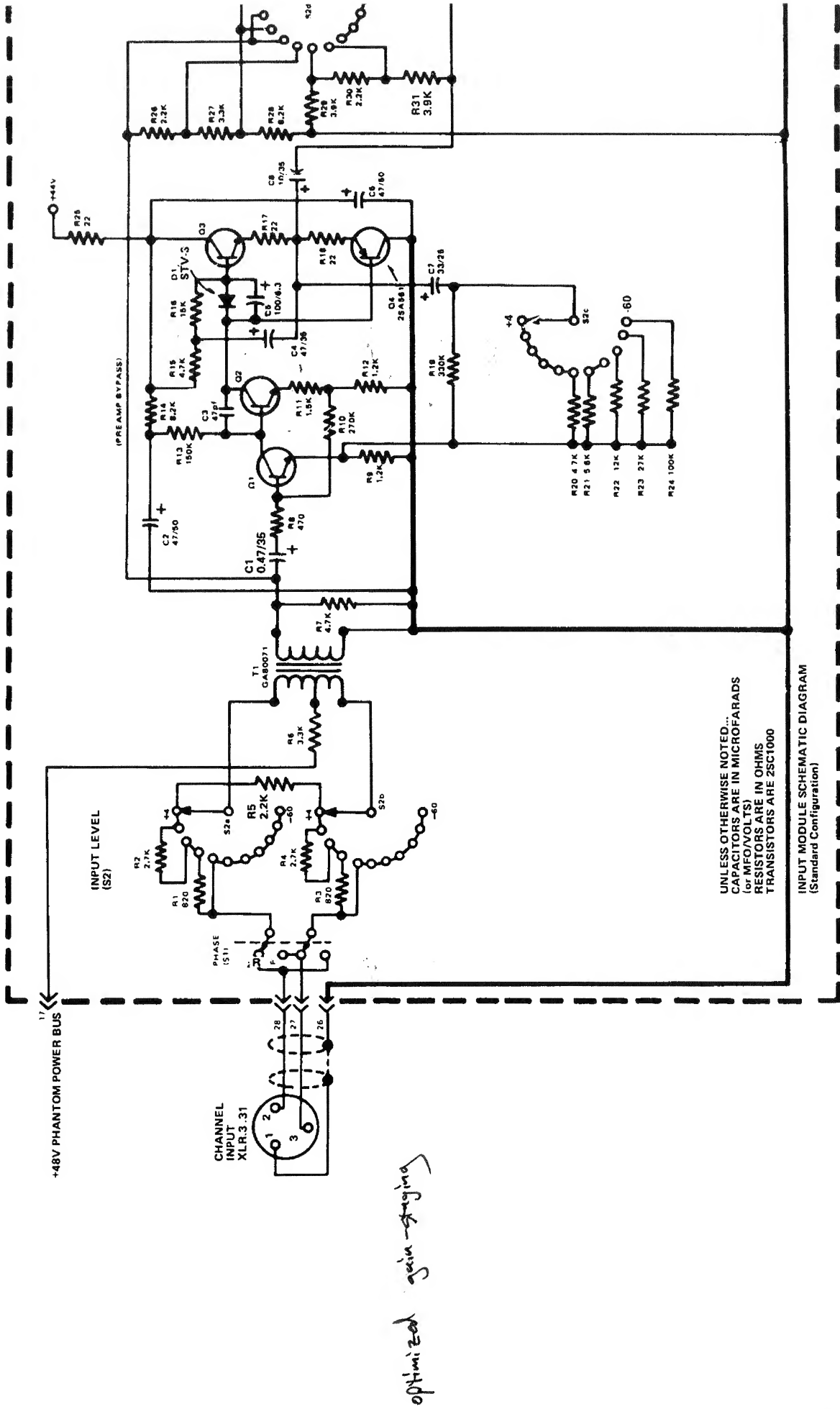
ALL VOLTAGES MEASURED WITH HIGH IMPEDANCE VTVM, WITH AC LINE=120VAC (240VAC FOR M67-2E). D.C. VOLTAGES MEASURED WITH NO INPUT SIGNAL. ALL CONTROLS C.C.W.. A.C. VOLTAGES MEASURED WITH TO 0.1MV SIGNAL, 1KHZ, ACROSS 150 OHMS AT INPUT TO A MICROPHONE CHANNEL, ONE INPUT CHANNEL AND MASTER SET FULLY C.W., WITH OUTPUT TERMINATED IN 600 OHMS.



MODELS M67 AND M67-2E PROFESSIONAL MICROPHONE MIXERS  
CIRCUIT DIAGRAM

*Yamaha PM 1000*

# UT MODULE SCHEMATIC



*optimized gain staging*

# AME SCHEMATIC

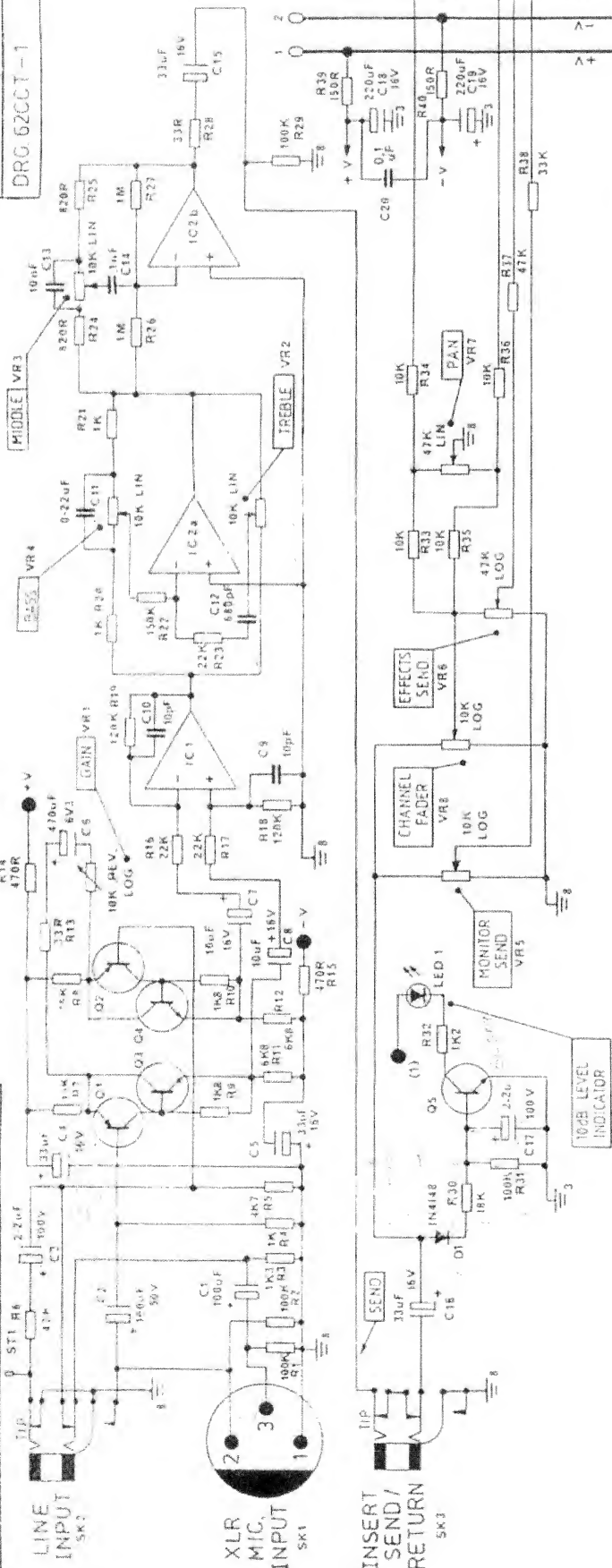


INPUT CHANNEL

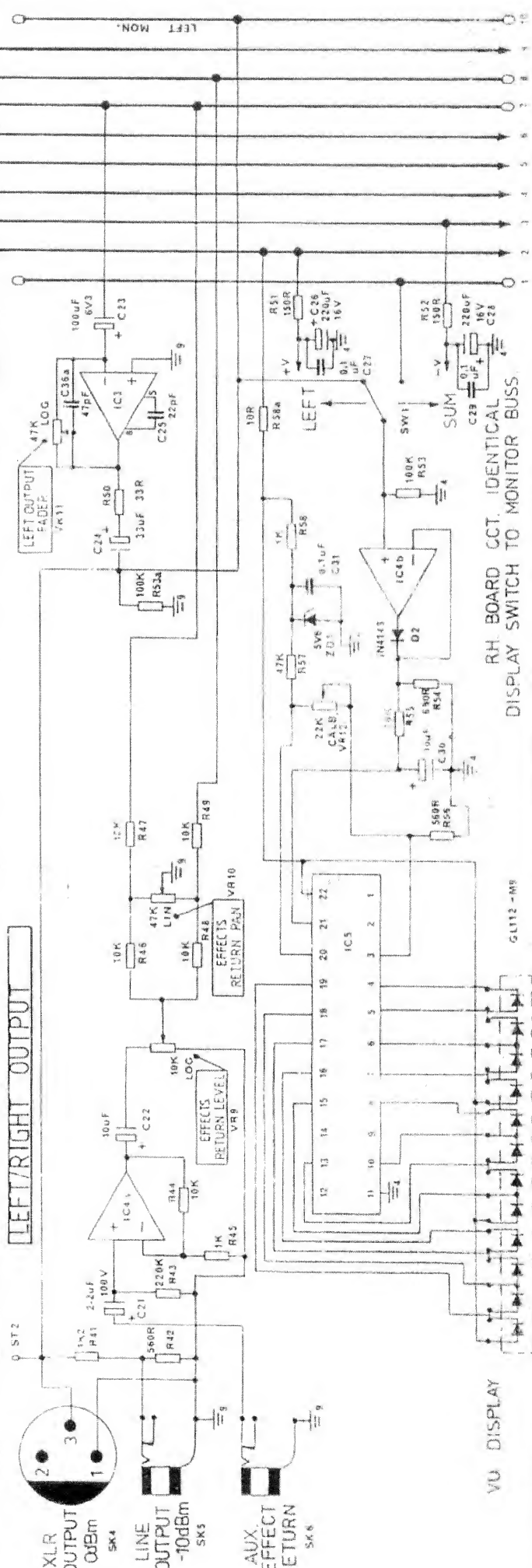
INPUT CHANNEL

6-2-1 (MINI-MIX) CIRCUIT DIAGRAM	DRAWN BY IW
RG.62CCT-1	

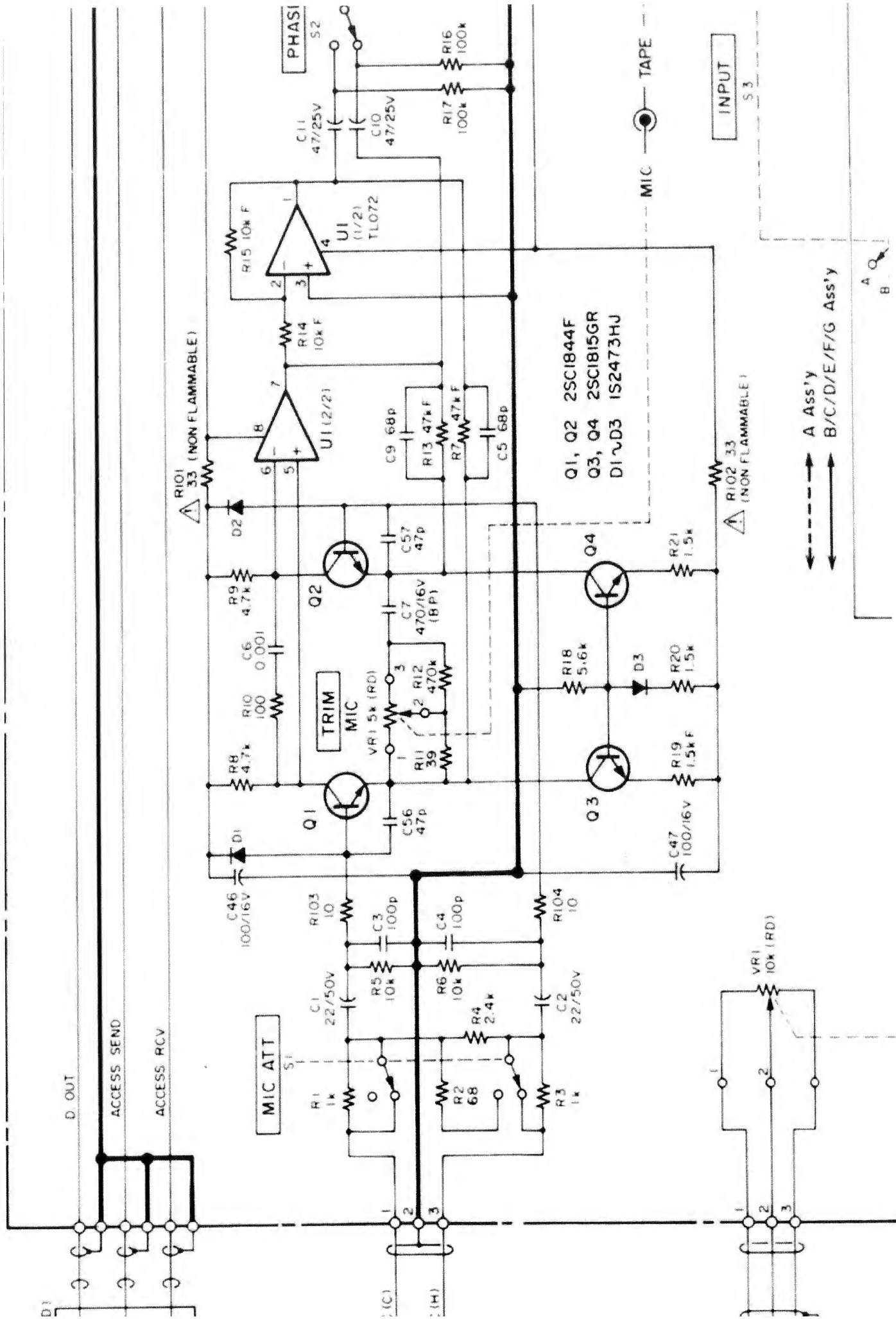
Q1.2	BC234C	00254970
Q3.4.3	BC184C	
C1	TI071	
C2.4	TI072	
C3	SSJ4N	
C5	IR2406G	



## LEFT/RIGHT OUTPUT

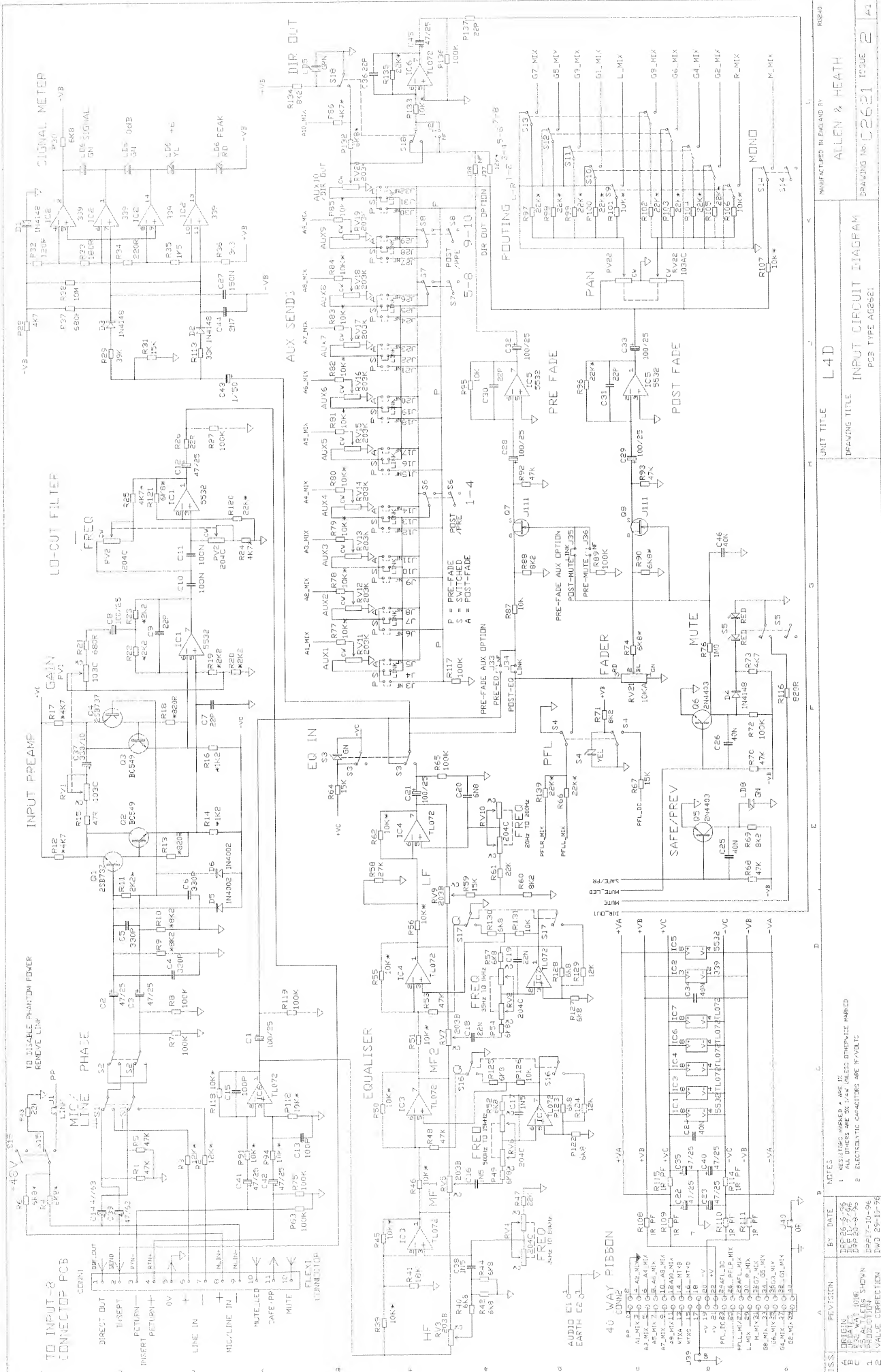


Tascam m520

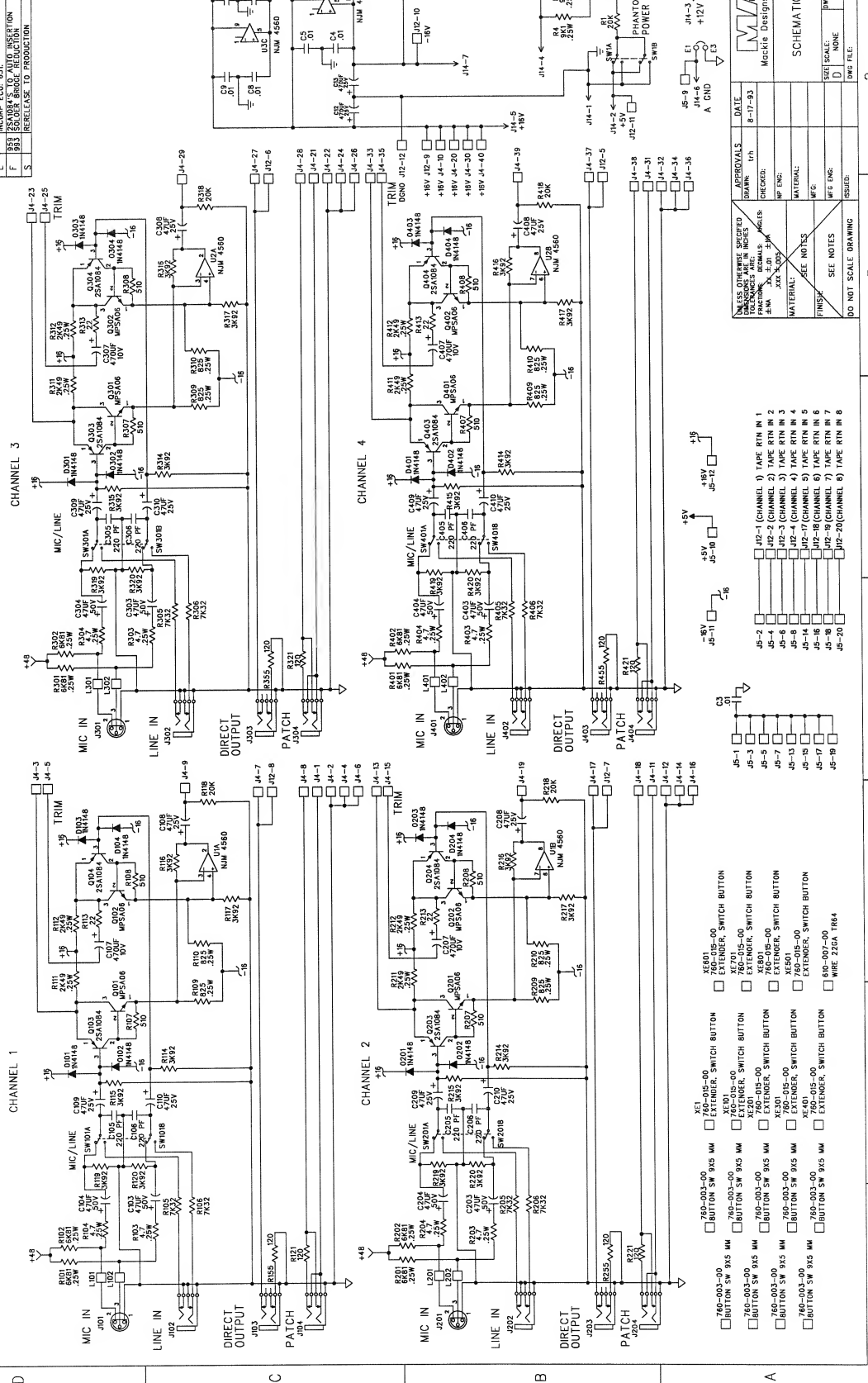


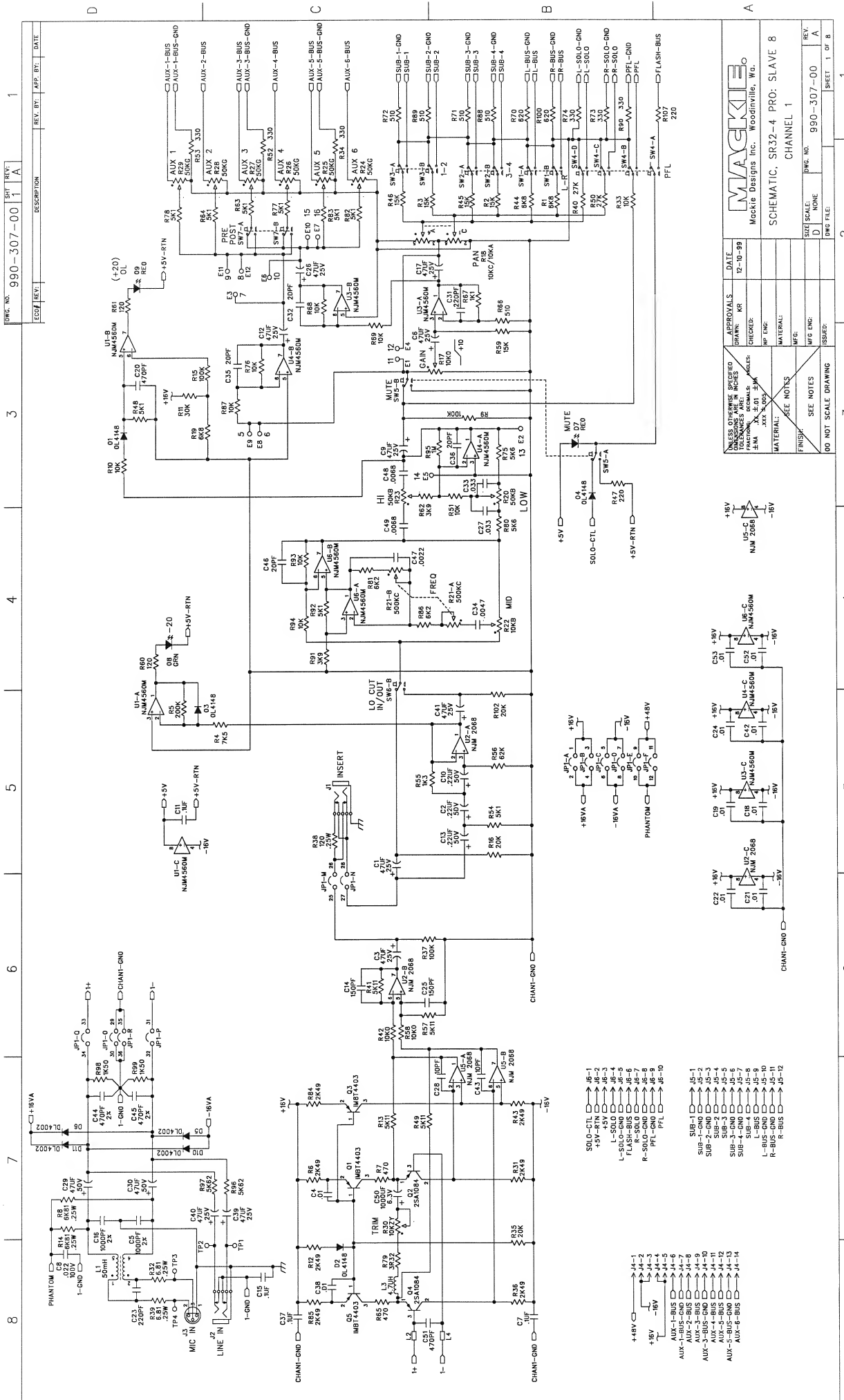
P1-6  
INSEAT SEND  
P1-7

A + H 6L 4000



REV:	ECO#	DESCRIPTION
C		PHASE 1 AND ADDED GND TO LINE INCRP ECO 145,158,180
D		INCRP ECO'S: 215,307,314,367,373 431,469,567,623,657,717
E		INCRP ECO: 631.
F	959	25A1084'S TO AUTO INSERTION
S	993	SOLDER BRIDGE REDUCTION
		RERELEASE TO PRODUCTION





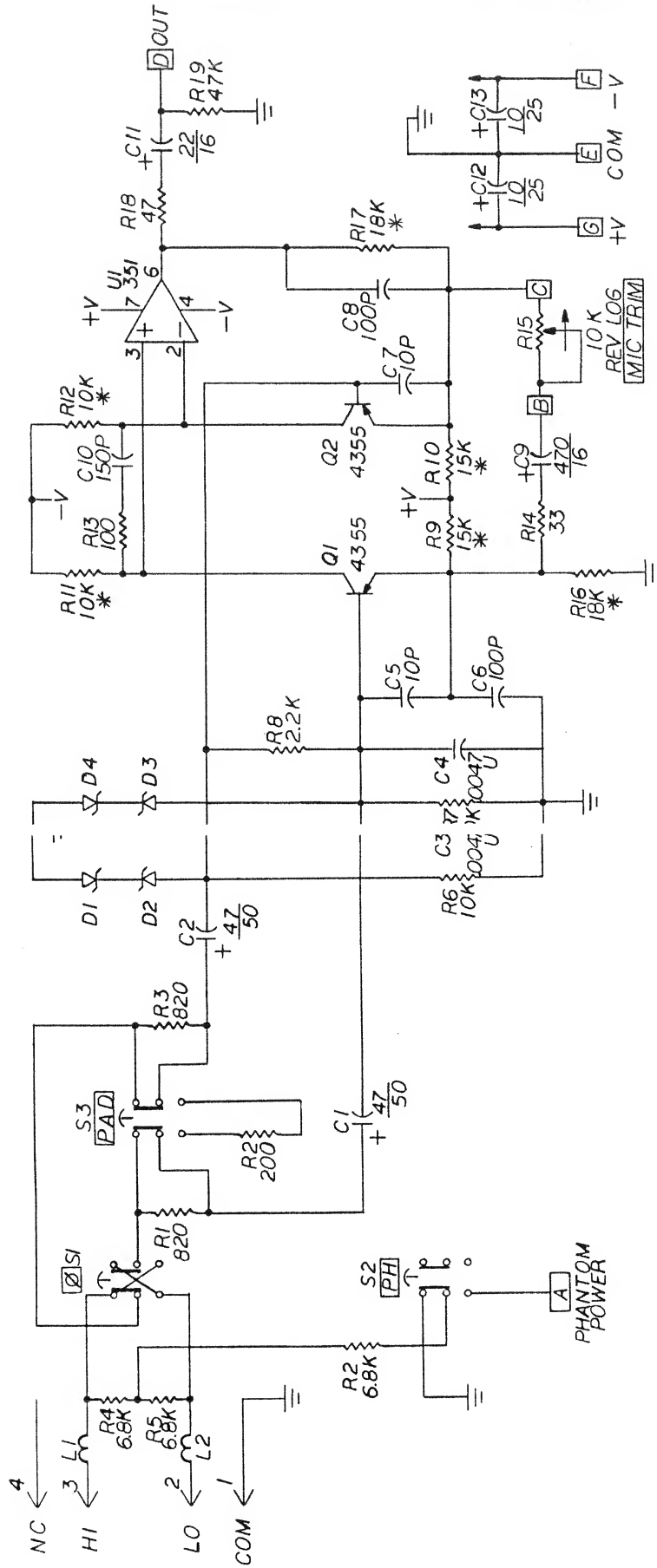
WORK NO.	990-307-001	REV.	1	DATE	
DESCRIPTION					
ECG	REV.	APP.	BY.	DATE	

APPROVALS	DATE	12-10-99
DRAWN: KR	CHECKED: KR	
HP ENG:	HP ENG:	
MATERIAL:	MATERIAL:	
FINISH:	FINISH:	
SEE NOTES	SEE NOTES	
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	
SIZE SCALE:	SIZE SCALE:	
DWG FILE:	DWG FILE:	
SHEET 1 OF 8	SHEET 1 OF 8	

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: .5% .1% .01% .005% .001% .0005%	DATE	12-10-99
APPROVALS	DATE	12-10-99
DRAWN: KR	CHECKED: KR	
HP ENG:	HP ENG:	
MATERIAL:	MATERIAL:	
FINISH:	FINISH:	
SEE NOTES	SEE NOTES	
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	
SIZE SCALE:	SIZE SCALE:	
DWG FILE:	DWG FILE:	
SHEET 1 OF 8	SHEET 1 OF 8	

DI-4 5235B

JI (MIC)



\*=1% METAL FILM

SOUND WORKSHOP

SCHEMATIC

MIC PRE

SERIES 20/30

B 902-122 A 8-6-81